Baotong Cui

List of Publications by Year
in descending order

138 papers	1,603 citations	279487 23 h-index	329751 37 g-index
138 all docs	138 docs citations	138 times ranked	782 citing authors

#	Article	IF	Citations
1	Robust asymptotic stability of uncertain fuzzy BAM neural networks with time-varying delays. Fuzzy Sets and Systems, 2007, 158, 2746-2756.	1.6	82
2	Stochastic Exponential Stability for Markovian Jumping BAM Neural Networks With Time-Varying Delays. IEEE Transactions on Systems, Man, and Cybernetics, 2007, 37, 713-719.	5.5	81
3	Exponential stability of genetic regulatory networks with random delays. Neurocomputing, 2010, 73, 759-769.	3.5	78
4	Passivity analysis of integro-differential neural networks with time-varying delays. Neurocomputing, 2007, 70, 1071-1078.	3.5	72
5	Delay-dependent stochastic stability of delayed Hopfield neural networks with Markovian jump parameters. Journal of Mathematical Analysis and Applications, 2007, 328, 316-326.	0.5	71
6	On the global robust asymptotic stability of BAM neural networks with time-varying delays. Neurocomputing, 2006, 70, 273-279.	3.5	65
7	Synchronization of chaotic recurrent neural networks with time-varying delays using nonlinear feedback control. Chaos, Solitons and Fractals, 2009, 39, 288-294.	2.5	60
8	New LMI conditions for delay-dependent asymptotic stability of delayed Hopfield neural networks. Neurocomputing, 2006, 69, 2374-2378.	3.5	59
9	Stabilization and synchronization of chaotic systems via intermittent control. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 3577-3586.	1.7	51
10	Synchronization of competitive neural networks with different time scales. Physica A: Statistical Mechanics and Its Applications, 2007, 380, 563-576.	1.2	48
11	Delay-Dependent Criteria for Global Robust Periodicity of Uncertain Switched Recurrent Neural Networks With Time-Varying Delay. IEEE Transactions on Neural Networks, 2008, 19, 549-557.	4.8	48
12	Global robust exponential stability of discrete-time interval BAM neural networks with time-varying delays. Applied Mathematical Modelling, 2009, 33, 1270-1284.	2.2	47
13	Boundedness and exponential stability for nonautonomous cellular neural networks with reaction–diffusion terms. Chaos, Solitons and Fractals, 2007, 33, 653-662.	2.5	43
14	Stochastic stability analysis for delayed neural networks of neutral type with Markovian jump parameters. Chaos, Solitons and Fractals, 2009, 39, 2188-2197.	2.5	43
15	Synchronization of neural networks based on parameter identification and via output or state coupling. Journal of Computational and Applied Mathematics, 2008, 222, 440-457.	1.1	36
16	Impulsive effects on global asymptotic stability of delay BAM neural networks. Chaos, Solitons and Fractals, 2008, 38, 1115-1125.	2.5	34
17	Backstepping‐based boundary feedback control for a fractional reaction diffusion system with mixed or Robin boundary conditions. IET Control Theory and Applications, 2017, 11, 2964-2976.	1.2	33
18	Absolute exponential stability analysis of delayed bi-directional associative memory neural networks˜†. Chaos, Solitons and Fractals, 2007, 31, 695-701.	2.5	32

#	Article	IF	Citations
19	The antisynchronization of a class of chaotic delayed neural networks. Chaos, 2007, 17, 043122.	1.0	30
20	Delay-dividing approach for absolute stability of Lurie control system with mixed delays. Nonlinear Analysis: Real World Applications, 2010, 11, 3110-3120.	0.9	30
21	Observer‐based output feedback control for a boundary controlled fractional reaction diffusion system with spatially‐varying diffusivity. IET Control Theory and Applications, 2018, 12, 1561-1572.	1.2	30
22	Backstepping-based boundary control design for a fractional reaction diffusion system with a space-dependent diffusion coefficient. ISA Transactions, 2018, 80, 203-211.	3.1	29
23	Global asymptotic stability of delay BAM neural networks with impulses based on matrix theory. Applied Mathematical Modelling, 2008, 32, 232-239.	2.2	28
24	Global exponential stability of high order recurrent neural network with time-varying delays. Applied Mathematical Modelling, 2009, 33, 198-210.	2.2	23
25	NEW CRITERIA ON GLOBAL EXPONENTIAL STABILITY OF BAM NEURAL NETWORKS WITH DISTRIBUTED DELAYS AND REACTION-DIFFUSION TERMS. International Journal of Neural Systems, 2007, 17, 43-52.	3.2	20
26	Improving control and estimation for distributed parameter systems utilizing mobile actuator‐sensor network. ISA Transactions, 2014, 53, 1087-1095.	3.1	19
27	Design of state estimator for uncertain neural networks via the integral-inequality method. Nonlinear Dynamics, 2008, 53, 223-235.	2.7	18
28	Mean square exponential and robust stability of stochastic discrete-time genetic regulatory networks with uncertainties. Cognitive Neurodynamics, 2010, 4, 165-176.	2.3	17
29	Diffusion control for a tempered anomalous diffusion system using fractional-order PI controllers. ISA Transactions, 2018, 82, 94-106.	3.1	17
30	Robust exponential stability of interval Cohen‐Grossberg neural networks with time-varying delays. Chaos, Solitons and Fractals, 2009, 40, 1914-1928.	2.5	16
31	Iterative learning control for distributed parameter systems based on non-collocated sensors and actuators. IEEE/CAA Journal of Automatica Sinica, 2020, 7, 865-871.	8.5	16
32	Boundedness and exponential stability for nonautonomous RCNNs with distributed delays. Computers and Mathematics With Applications, 2007, 54, 589-598.	1.4	15
33	Oscillation theorems for nonlinear hyperbolic systems with impulses. Nonlinear Analysis: Real World Applications, 2008, 9, 94-102.	0.9	15
34	ROBUST EXPONENTIAL STABILIZATION OF A CLASS OF DELAYED NEURAL NETWORKS WITH REACTION-DIFFUSION TERMS. International Journal of Neural Systems, 2006, 16, 435-443.	3.2	14
35	ROBUST EXPONENTIAL STABILITY OF MARKOVIAN JUMPING NEURAL NETWORKS WITH TIME-VARYING DELAY. International Journal of Neural Systems, 2008, 18, 207-218.	3.2	14
36	Event-triggered feedback control for discrete-time piecewise affine systems subject to input saturation. Nonlinear Dynamics, 2019, 95, 2353-2365.	2.7	13

#	ARTICLE	IF	CITATIONS
37	Global exponential stability analysis of delayed Cohen--Grossberg neural networks with distributed delays. International Journal of Systems Science, 2007, 38, 601-609.	3.7	12
38	Comments and further improvements on â€œNew LMI conditions for delay-dependent asymptotic stability of delayed Hopfield neural networksâ€• Neurocomputing, 2007, 70, 2566-2571.	3.5	12
39	Parameter-dependent robust stability of uncertain neural networks with time-varying delay. Journal of the Franklin Institute, 2012, 349, 1891-1903.	1.9	11
40	Adaptive Consensus Filters for Second-Order Distributed Parameter Systems Using Sensor Networks. Circuits, Systems, and Signal Processing, 2015, 34, 2801-2818.	1.2	9
41	Global robust stability of neural networks with multiple discrete delays and distributed delays. Chaos, Solitons and Fractals, 2009, 40, 1823-1834.	2.5	8
42	Novel robust stability analysis for uncertain neutral system with mixed delays. Chaos, Solitons and Fractals, 2009, 42, 1820-1828.	2.5	8
43	Synchronization of Lurie system based on contraction analysis. Applied Mathematics and Computation, 2013, 223, 180-190.	1.4	8
44	A degree-related and link clustering coefficient approach for link prediction in complex networks. European Physical Journal B, 2021, 94, 1.	0.6	8
45	Second-Order Consensus of Leader-Following Multi-Agent Systems with Jointly Connected Topologies and Time-Varying Delays. Arabian Journal for Science and Engineering, 2014, 39, 1431-1440.	1.1	7
46	Containment analysis of Markov jump swarm systems with stationary distribution. IET Control Theory and Applications, 2017, 11, 901-907.	1.2	7
47	State estimation of chaotic Lurie system with logarithmic quantization. Chaos, Solitons and Fractals, 2018, 112, 141-148.	2.5	7
48	Iterative learning control for semiâ€linear distributed parameter systems based on sensorâ€“actuator networks. IET Control Theory and Applications, 2020, 14, 1785-1796.	1.2	7
49	Forced oscillations of hyperbolic differential equations with deviating arguments. Acta Mathematicae Applicatae Sinica, 1995, 11, 369-377.	0.4	6
50	Robust stability of uncertain Markovian jump discrete-time recurrent neural networks with time delays. International Journal of Systems Science, 2010, 41, 1525-1536.	3.7	6
51	Impulsive stabilization of fuzzy neural networks with time-varying delays. Arabian Journal of Mathematics, 2013, 2, 65-79.	0.4	6
52	Feedback control design of crowd evacuation system based on the diffusion model. , 2017, , .		6
53	Event-triggered feedback control for discrete-time piecewise-affine systems. International Journal of Systems Science, 2018, 49, 3377-3389.	3.7	6
54	A neural dynamic system for solving convex nonlinear optimization problems with hybrid constraints. Neural Computing and Applications, 2019, 31, 6027-6038.	3.2	6

#	ARTICLE	IF	CITATIONS
55	Mobile observation for distributed parameter system with moving boundary over mobile sensor networks. Journal of Control and Decision, 2021, 8, 124-134.	0.7	6
56	A Novel Learning Algorithm for Wavelet Neural Networks. Lecture Notes in Computer Science, 2005, , 1-7.	1.0	5
57	Global output convergence of Cohenâ€"Grossberg neural networks with both time-varying and distributed delays. Chaos, Solitons and Fractals, 2009, 40, 344-354.	2.5	5
58	Distributed consensus estimation for diffusion systems with missing measurements over sensor networks. International Journal of Systems Science, 2016, 47, 2753-2761.	3.7	5
59	Finiteâ€dimensional guaranteed cost sampledâ€data fuzzy control of Markov jump distributed parameter systems via Tâ€"S fuzzy model. IET Control Theory and Applications, 2018, 12, 2098-2108.	1.2	5
60	Dynamic Hâˆž Feedback Boundary Control for a Class of Parabolic Systems with a Spatially Varying Diffusivity. International Journal of Control, Automation and Systems, 2021, 19, 999-1012.	1.6	5
61	Anti-collision and Obstacle Avoidance of Mobile Sensor-plus-actuator Networks over Distributed Parameter Systems with Time-varying Delay. International Journal of Control, Automation and Systems, 2021, 19, 2373-2384.	1.6	5
62	On Robust Stabilization of A Class of Neural Networks with Time-Varying Delays. , 2006, , .		4
63	Passive control of uncertain multiple input-delayed systems using reduction method. Mathematics and Computers in Simulation, 2010, 80, 2258-2271.	2.4	4
64	A Delay Decomposition Approach to Robust Absolute Stability of Neutral Lurie Control System. Arabian Journal for Science and Engineering, 2013, 38, 2921-2928.	1.1	4
65	State Estimation of Chaotic Lurie Systems via Communication Channel with Transmission Delay. Circuits, Systems, and Signal Processing, 2018, 37, 4568-4583.	1.2	4
66	Tracking control of disturbed crowd dynamic system using unit sliding mode control and feedback linearization. Nonlinear Dynamics, 2019, 98, 2247-2260.	2.7	4
67	Boundedness and Stability for Integrodifferential Equations Modeling Neural Field with Time Delay. Neural Computation, 2007, 19, 570-581.	1.3	3
68	Existence and global attractivity of almost periodic solutions for neural field with time delay. Applied Mathematics and Computation, 2008, 200, 465-472.	1.4	3
69	Global exponential synchronisation of a class of chaotic neural networks with distributed delays. International Journal of Modelling, Identification and Control, 2008, 3, 385.	0.2	3
70	Adaptive synchronization of two complex networks with delayed and non-delayed coupling. Arabian Journal of Mathematics, 2012, 1, 219-226.	0.4	3
71	Adaptive Flocking Control with a Minority of Informed Agents. Asian Journal of Control, 2013, 15, 1510-1515.	1.9	3
72	Backstepping-based observer for output feedback stabilization of a boundary controlled fractional reaction diffusion system. , 2017, , .		3

#	Article	IF	Citations
73	A PD-Type Iterative Learning Algorithm for Semi-Linear Distributed Parameter Systems With Sensors/Actuators. IEEE Access, 2019, 7, 159037-159047.	2.6	3
74	Fault diagnosis for semilinear distributed parameter systems with actuator/sensor based on iterative learning control. Asian Journal of Control, 2022, 24, 98-110.	1.9	3
75	Boundary dynamic feedback control for a class of semi€linear distributed parameter systems. IET Control Theory and Applications, 2020, 14, 843-854.	1.2	3
76	A delay decomposition approach to absolute stability of Lurie control system with time-varying delay. , 2012, , .		2
77	Observer-based control for state estimation of uncertain fuzzy neural networks with time-varying delay. , 2014, , .		2
78	Parameter Estimation of a Class of Neural Systems with Limit Cycles. Algorithms, 2018, 11, 169.	1.2	2
79	Event-triggered H_∞ control for discrete-time piecewise affine systems with norm-bounded uncertainties. International Journal of Control, 2021, 94, 3171-3179.	1.2	2
80	State Estimation for a Class of Distributed Parameter Systems with Time-Varying Delay over Mobile Sensor€"Actuator Networks with Missing Measurements. Mathematics, 2021, 9, 661.	1.1	2
81	Stochastic Robust Stability of Markovian Jump Nonlinear Uncertain Neural Networks with Wiener Process. Lecture Notes in Computer Science, 2006, , 165-171.	1.0	2
82	Fixed€time stabilisation of boundary controlled linear parabolic distributed parameter systems with space€dependent reactivity. IET Control Theory and Applications, 2021, 15, 652-667.	1.2	2
83	Oscillation of solutions of hyperbolic equations of neutral type. Acta Mathematicae Applicatae Sinica, 1994, 10, 102-106.	0.4	1
84	Nonexistence theorems for positive solutions of partial difference systems with continuous variables and its application. , 0, , .		1
85	LMI Approach for Stochastic Stability of Markovian Jumping Hopfield Neural Networks with Wiener Process. , 2006, , .		1
86	GLOBAL EXPONENTIAL STABILITY CONDITIONS FOR DELAYED PARABOLIC NEURAL NETWORKS WITH VARIABLE COEFFICIENTS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2007, 17, 4409-4415.	0.7	1
87	Adaptive Stabilizer Design of Reaction-Diflusion Neural Networks With Time-varying Delays. International Journal of Nonlinear Sciences and Numerical Simulation, 2009, 10, 1323-1330.	0.4	1
88	Estimates of equilibrium points and global asymptotic stability of Cohen€"Grossberg neural networks with delays. International Journal of Systems Science, 2009, 40, 1319-1328.	3.7	1
89	A new adaptive synchronization scheme of delayed chaotic system for secure communication with channel noises. , 2010, , .		1
90	Global dissipativity of Cohen-Grossberg neural networks with mixed delays. , 2010, , .		1

#	Article	IF	Citations
91	Some necessary and sufficient conditions for containment control of the second-order multi-agent systems. , 2014, , .		1
92	Robust observer-based fault estimation of switched systems. , 2014, , .		1
93	Model predictive control based on recurrent neural network. , 2014, , .		1
94	A delay-decomposition approach to consensus of multi-agent network with time-varying delay. , 2014, , .		1
95	Observer-based synchronization of networked distributed parameter systems. , 2014, , .		1
96	State filtering and parameter estimation for Hodgkin-Huxley model. , 2016, , .		1
97	Iterative learning control for distributed parameter systems based on actuator-sensor network. , 2017, , .		1
98	Controlling a class of stochastic distributed parameter systems using mobile sensor-actuator networks with missing measurements. , 2017, , .		1
99	Mobile control for a class of stochastic distributed parameter systems with time-dependent spatial domains. , 2017, , .		1
100	Observer Design for Boundary Coupled Fractional Order Distributed Parameter Systems. , 2019, , .		1
101	Boundary Output Feedback Control for A Class of Gantry Crane Systems via Backstepping Approach. , 2021, , .		1
102	Global Robust Stability of Neural Networks With Both Time-Varying and Unbounded Delays. , 2007, , .		0
103	Robust Stability Analysis of Neutral Stochastic Neural Networks With Delay: An LMI Approach. , 2007, , .		0
104	Strict Ï†<SUB align=right>0-stability for impulsive delay systems. International Journal of Modelling, Identification and Control, 2007, 2, 356.	0.2	0
105	Global exponential stability analysis of fuzzy BAM neural networks with time-varying delays. International Journal of Hybrid Intelligent Systems, 2007, 4, 89-101.	0.9	0
106	Novel global robust stability analysis of neural networks with time-varying delays. , 2008, , .		0
107	Input-to-state stability for a class of delayed dynamical systems. International Journal of Modelling, Identification and Control, 2008, 5, 38.	0.2	0
108	Boundedness and stability for the solutions of impulsive neural networks with time-varying delay. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
109	Stabilisation of Cellular Neural Networks with time-varying delays and reaction-diffusion terms. International Journal of Intelligent Systems Technologies and Applications, 2009, 6, 5.	0.2	0
110	Global exponential stability analysis of delayed Cohen–Grossberg neural networks with distributed delays [International Journal of Systems Science, Vol. 38 (2007) p. 601]. International Journal of Systems Science, 2009, 40, 783-785.	3.7	0
111	Dissipative control of uncertain systems of neutral type with multiple-state delays. , 2010, , .		0
112	Delay-dividing approach for stability of neutral system with mixed delays. , 2010, , .		0
113	Adaptive synchronization of time-delayed chaotic systems and its application to secure communication. , 2011, , .		0
114	A new delay-dependent synchronisation criterion for Lur e systems with delay feedback control. International Journal of Computer Applications in Technology, 2011, 42, 73.	0.3	0
115	Periodicity analysis of uncertain neural networks with multiple time-varying delays. , 2012, , .		0
116	Criteria for passivity of uncertain neural networks with time-varying delay. , 2013, , .		0
117	Dynamics of neural systems with distributed delays and diffusion. , 2014, , .		0
118	Consensus of second-order multi-agent systems with asynchronous communication topology. , 2014, , .		0
119	Cluster synchronization in complex dynamical networks via comparison principle. , 2014, , .		0
120	Robust sampled-data control of a class of distributed parameter systems using mobile actuator-sensor networks. , 2014, , .		0
121	Input-To-State Practical Stability for Switched Systems with Delayed Feedback. Arabian Journal for Science and Engineering, 2014, 39, 1995-2000.	1.1	0
122	Mobile sensor networks for sampled-data control of a class of distributed parameter systems. , 2014, , .		0
123	Distributed Adaptive Control of Diffusion System Based on Multi-agents. , 2015, , .		0
124	Dynamical Analysis of Competitive Neural Systems With Hybrid Time Scales and Distributed Delays. , 2018, , .		0
125	Event-Triggered Feedback Control for Piecewise-Affine Systems via Convex Combination. , 2018, , .		0
126	Saturation control for two dimensional disturbed crowd dynamic system. , 2019, , .		0

#	Article	IF	Citations
127	Coverage-optimization based guidance of mobile agents for improved control of distributed parameter systems. Journal of Systems Engineering and Electronics, 2019, 30, 601-612.	1.1	0
128	Feedback control for a class of semi-linear parabolic distributed parameter systems with mixed time delays. International Journal of Systems Science, 2020, 51, 585-600.	3.7	0
129	Novel Global Asymptotic Stability Conditions for Hopfield Neural Networks with Time Delays. Lecture Notes in Computer Science, 2007, , 935-940.	1.0	0
130	Quantized Communication of Multi-agent Systems under Switching Topology. Communications in Computer and Information Science, 2012, , 321-326.	0.4	0
131	Existence and Stability of Equilibrium of Discrete-Time Neural Networks with Distributed Delays. Communications in Computer and Information Science, 2012, , 334-339.	0.4	0
132	Mean Square Exponential Stability of Hybrid Neural Networks with Uncertain Switching Probabilities. Lecture Notes in Computer Science, 2012, , 9-17.	1.0	0
133	Exponential Stability of a Class of High-Order Hybrid Neural Networks. Lecture Notes in Computer Science, 2012, , 174-181.	1.0	0
134	Improved Conditions to Passivity of Uncertain Delayed Neural Systems. , 2014, , .		0
135	Actuator Fault Detection and Accommodation in Distributed Parameter Systems. Open Electrical and Electronic Engineering Journal, 2015, 9, 459-466.	0.6	0
136	State estimation for a class of distributed parameter system with time-varying delay based on mobile agent networks. , 2020, , .		0
137	A Machine Learning-based Accurate Approach for Inferring Potential LncRNA-disease Associations. , 2021, , .		0
138	Sliding mode boundary control of linear parabolic distributed parameter systems with space-dependent parameters. , 2021, , .		0